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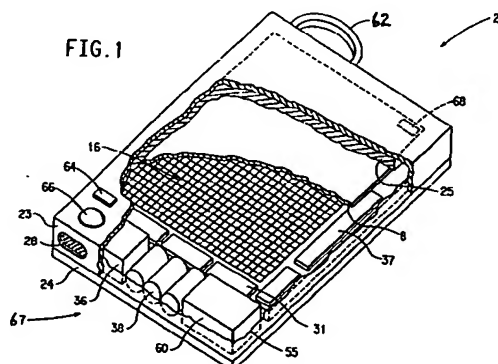
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D-50667 Köln (DE)(54) **Electronic cassette for recording X-ray images.**

(57) An electronic cassette (20) contains an X-ray image capturing panel (16) comprising a solid state transistor array and storage capacitors on which is built a layered structure including a photoconductive layer. The storage capacitors capture electrical charges generated in the photoconductive layer by incident X-radiation and the image-wise charges are read out by the transistor array. The cassette (20) contains an internal power supply (38) and a built-in image storage medium (36) among a plurality of electronic components to allow self-contained operation and temporary recording of digitized values which are representative of the pattern of incident X-radiation.

FIG. 1

**EP 0 603 709 A3**



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EUROPEAN SEARCH REPORT

Application Number
EP 93 12 0119

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
A	US-A-5 168 160 (JEROMIN LOTHAR S ET AL) 1 December 1992 * the whole document * ---	1-13	G03G15/00 H04N5/32 G01T1/24 G01T1/29
A	US-A-4 134 137 (JACOBS PAUL F ET AL) 9 January 1979 * column 5, line 66 - column 6, line 8; figure 2 * ---	1,2	
D,A	US-A-4 931 643 (AMTMANN HERIBERT) 5 June 1990 * column 1, line 50 - column 2, line 38 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			G03G G01T
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26 July 1995	Examiner Lipp, G
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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